

Security Profile Inspector (SPI)

Software security product promotes mission-oriented approach to managing computer system security

The Security Profile Inspector (SPI/UV 3.0) provides computer system managers and security officers with the tools to establish and monitor the security of Unix-based computer systems.

Mission-oriented approach

SPI/UV 3.0 promotes a mission-oriented approach to managing computer system security in three areas: security profiling, intrusion detection, and security administration. Security profiling is preventive and involves assessing and establishing system security. It measures various system qualities and settings against a recommended security standard. Intrusion detection functions assist in incident detection, damage assessment, recovery, and the preservation of evidence. SPI/UV 3.0 isolates unauthorized

modifications made to the system and records these findings for further analysis. It can also assist in assessing the extent of damage caused by a security incident. Security administration functions provide a cohesive environment in which to operate the security inspections.

APPLICATIONS

- Vulnerability checks
- Intrusion detection
- Security policy compliance
- Worldwide use at DOE and numerous DOE organizations

A comprehensive solution

SPI/UV 3.0 provides the following powerful security tools in one unique, well documented package:

- System profile review for system vulnerabilities
- Rule-based, goal-seeking test to assess sequential dependencies in access control mechanisms

- Version-level test on key system binaries to report the currency of applied security patches
- Test for changes to key system files, user and group accounts, and related system security attributes
- Test for weak passwords against multiple dictionaries and sources
- Configuration Query Language to meet specific needs.

Flexible and easy to use



SPI/UV 3.0 provides a user-friendly interface, allowing easy and quick customization to specific requirements. On-line context-sensitive help, parameter management, automatic job scheduling, and output report management

are among the integrated features designed to ease the task of system security administration.

Requirements: SPI/UV 3.0 supports major Unix platforms.

Availability: SPI/UV 3.0 for Unix platforms is available today. A version supporting DEC VMS platforms was released in 1994.

Contact

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